

癫痫相关基因 6 抗体

产品货号： mlR19666

英文名称： phospho-Thymidine Kinase 1 (Ser13)

中文名称： 磷酸化胸苷激酶 1 抗体

别 名： Thymidine Kinase 1 (phospho S13); p-Thymidine Kinase 1 (phospho S13); cytosolic; KITH_HUMAN;
Thymidine kinase 1; Thymidine kinase 1 soluble; Thymidine kinase 1 soluble isoform; Thymidine kinase;
Thymidine kinase cytosolic; TK 1; TK 2; TK1; Tk1a; Tk1b; TK2.

产品类型： 磷酸化抗体

研究领域： 细胞生物 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Dog, Pig, Hamster,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500
(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 25kDa

细胞定位： 细胞浆

性 状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthesised phosphopeptide derived from human Thymidine Kinase 1 around the phosphorylation site of Ser13:PG(pS)PS

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20 ° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : Thymidine Kinase (TK1) is a highly conserved phosphotransferase that is present in most living cells. Thymidine Kinase catalyzes the phosphorylation reaction: deoxythymidine + ATP = deoxythymidine 5'-phosphate + ADP; it is thus involved in the reaction chain to introduce deoxythymidine into the DNA. Thymidine kinase is required for the action of many antiviral drugs, such as azidothymidine (AZT), and is also used to select hybridoma cell lines in the production of monoclonal antibodies. Thymidine Kinase has many clinical applications as it is only present in anticipation of cell division. Because of this, Thymidine Kinase can be used as a proliferation marker in the diagnosis, treatment, and follow-up of malignant diseases, especially hematological malignancies. Thymidine Kinase may be observed as a monomer, dimer, trimer or tetramer.

Subcellular Location:

Cytoplasm.

Post-translational modifications:

Phosphorylated on Ser-13 in mitosis.

Similarity:

Belongs to the thymidine kinase family.

SWISS:

P04183

Gene ID:

7083

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.